REMARKS

The Specification has been amended to insert an additional sequence identifier into in the heading of Table 6. A corrected Sequence Listing, in paper and machine readable copies, was submitted on January 3, 2006, together with the requisite Statement under 37 CFR 1.821-1.824 and an amendment. None of the amendments made herein constitutes the addition of new matter.

Additional Copy of Table 5 as amended

In response to the request of the Examiner, a further copy of Table 5, page 96, is attached hereto. Applicants note that the corrected Table 5 was submitted to the Patent and Trademark Office by facsimile on December 16, 2005.

Conclusion

In view of the foregoing, it is submitted that this case is in condition for allowance, and passage to issuance is respectfully requested.

If there are any outstanding issues related to patentability, the courtesy of a telephone interview is requested, and the Examiner is invited to call to arrange a mutually convenient time.

It is believed that this response does not necessitate the payment of any fees under 37 C.F.R. 1.16–1.17. If this is incorrect, however, please charge any fees due under the foregoing Rules to Deposit Account No. 07-1969.

Respectfully submitted,

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dti: January 5, 2006

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01/65/2000 12:01 FAE 2034033010). 25 191 = = 8 6 FARCA CRICA MONGCOOK CANDESCO CANDESCO ACAMBRANTO CADEGASTOT GATOCOCANTOT GATOC 111 ACARCARCA COGGECCEAR TOTOMANAGET OTROGGENCTO TAMESTOCITO OF MACTOSIGNOS TO BE A L V R M L V R M C 961 TESCHARCEAC AMETERISTS COMPONENTS GENEROCCO TRICCITETY ACMOVENCA CASTARONICACA CASTA E A M M R R A M M R G G D 1 A 1 L G D R R R A CONTINUA WAYNOO OVERVECTORY OCHREGOLA LEGISTRA CONTINUA CONTINUA REGISTRA CONTINUA CONTINUA REGISTRA CONTINUA CONTINUA REGISTRA CONTINUA 771 : 1041 CACCGACGAG GACAAATATG GATGAGGTGG AGAGTGGGAA GCAGGAGCCC AGCGAGCTGC GGGGCAGCTGC GGGG *** TONG CHICAN COLEGO SALVE, CHICANOLIVE CONCECCENT. CONCECCENT. CONCECCENT. ACCORDANCE. MECATICATIVES. MECATICATIVES. 1111 сесстетет тетмеске астустест есемилакое сасатестке малонеска ампансивска ампа CHECOSCOTO GERAGGACE ATROCEMOSES CHEMPOSES GERAGES CONTROLLED GERAGGES CONTROLLED GERA OCCOPTE CTEMPUNG CAMOLANIA PRANTUMAE AMBCAGAMA GECTOTOGA GECTLY A L F L E G R N K Y R S W K G E S P V E P F V E F | THE TARGET PRODUCT CHARLESTED OF TART TO THE TARGET CONTRACT CONTR Affected angulation accumulated announced cultivate constants consideration of the α to α GEOGRACIAN DIVERSE CHARGECING CALGORICA CAVACLACTOR RESECTERING CHARCHERY CHECK TABLE 5 (SEQ ID NO.28 and SEQ ID NO.29)ad SEQ ID NO.29)

TABLE 5 (SEQ ID NO:28 and SEQ ID NO:29)

GCACAGAAAG
CAGCAACTGG
AGGCCAGCAT
CTAACTCCAG
CTTGGAGGTG
ACAG CAGCGCCCAG CTTGGAGGTG CTAACTCCAG AGGCCAGCAT CAGCAACTGG GCACAGAAAG
GAAGAGACAG
GGGGTGCAAA
a

- GIGGCIGIGC GITCIGGGG CCTCTCAGCT W L C V L G I L V G L S A GAGCCGCCTG GGCAGGGACC ATGGCACGGC CACATCCCTG
 M A R P H P W 8
- CAGATGTGTG AGCCAGGAAC Q M C E P G T CTCAGGGAAA GCTGTGCTGC Q G K L C C CACTACTGGG ACTCCAGCCC CCAAGAGCTG CCCAGAGAGG 161
- CAGTGTGATC CTTGCATACC GGGGGTCTCC Q C D P C I P G V S ATTCCTCGTG AGGACTGTG ACCAGCATAG ANAGGCTGCT F L V K D C D Q H R K A A 241
- 321
- AATGCTGAGT GTGCCTGTCG CAGTGCAGGG ACAAGGAGTG CACCGAGTGT GATCCTCTC CAAACCCTTC NABLE C λ C R D K E C T E C D P L P N P S 401
- GCTGACCGCT CGGTCGTCT AGGCCCTGAG CCCACACCT CAGCCCACC ACTTACCTTA TGTCAGTGAG ATGCTGGAGG 481
- 96 CCAGGACAGC TGGGCACATG CAGATTCAG GCAGCTGCCT GCCGGACTC TCTCTACCCA CTGGCCACCC R T A G H M Q T L A D F R Q L P A R T L S T II W P P 561
 - CAMAGATCCC TGTGCAGCTC CGATTTTATT CGCATCCTTG TGATCTTCT TGGAATGTTC CTTGTTTTCA CCCTGGCCGG 641
- GGCCCTGTTC CTCCATCAAC GAAGGAAATA TAGATCAAAC AAAGGAGAAA GTCCTGTGGA GCCTGCAGAG CCTTGTCGTT ${f A}$ ${f L}$ ${f F}$ ${f L}$ ${f F}$ ${f L}$ ${f F}$ ${f Q}$ ${f R}$ ${f K}$ ${f K}$ ${f K}$ ${f G}$ ${f E}$ ${f S}$ ${f V}$ ${f E}$ ${f P}$ ${f C}$ ${f R}$ ${f Y}$ 721

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- ACAGCTGCCC CAGGGAGGAGGCAGCA CCATCCCCAT CCAGGAGAT TACCGAAAAC CGGAGCCTGC CTGCTCCCCC S C P R R R P E P A C S P 801
- TGAGCCAGCA CCTGCGGTAG CTGCACTACA GCCCTGGCCT CCACCCCCAC CCCGCCGACC ATCCAAGGGA GAGTGAGACC 881
 - 1041 CAGGGACGAG GACAAATATG GATGAGGTGG AGAGTGGGAA GCAGGAGCCC AGCCAGCTGC GCGCGCGTGC AGGAGGGCGG TGGCAGCCAC AACTGCAGTC CCATCCTCTT GTCAGGGCCC TTTCCTGTGT ACACGTGACA GAGTGCCTTT TCGAGACTGG 961
- 1121 GGGCTCTGGT TGTAAGGCAC ACTTCCTGCT GCGAAAGACC CACATGCTAC AAGACGGGCA AAATAAAGTG ACAGATGACC